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Approximate Mean Monthly Wind Speed

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Recent work using the analysis of anemometer records in the MWR has shown that a close approximation to the mean monthly wind speed in knots is

$\frac{H}{30} + 3$ where H is the sum of the

hours over 22 knots plus half the number of hours 11-21 knots.

Example		H	Estimate	Calculated from fuller distribution
Valley November	1954	282	12.4	12.3
	1955	155	8.2	8.3
	1956	199	9.6	9.8
	1957	164	8.5	8.8
	1958	118	6.9	7.0
	1959	195	9.5	10.2
	1960	334	14.1	13.9
	1961	213	10.3	10.3
	1962	193	9.4	9.5
	1963	374	15.5	15.2
	1964	319	13.6	13.5
	1965	345	14.5	14.5
	1966	362	15.1	15.2
	1967	299	13.0	12.8
	1968	290	12.7	12.9
	1969	369	15.3	15.2
				mean difference 0.2k.

Any comments or criticism on this memorandum should be sent to the author.

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